

Debian Support - Issue #8692

Repository sync will fail if Debian components are defined on the remote

05/04/2021 12:56 PM - simon_t

Status: NEW	Start date:
Priority: Normal	Due date:
Assignee:	Estimated time: 0:00 hour
Category:	
Sprint/Milestone: Katello	
Severity: 2. Medium	Groomed: No
Version - Debian:	Sprint Candidate: No
Platform Release:	Tags:
Target Release - Debian:	Sprint:
OS:	Quarter:
Triaged: No	

Description

pulpcore version: 3.12.1

pulp_deb version: 2.11.1

Attempts to sync a repository with a remote that has Debian components defined consistently fail with the error "Response payload is not completed".

Failing remote config:

```
{
  "architectures": "amd64",
  "ca_cert": null,
  "client_cert": null,
  "components": "main contrib non-free",
  "connect_timeout": null,
  "distributions": "bullseye",
  "download_concurrency": 10,
  "gpgkey": null,
  "headers": null,
  "ignore_missing_package_indices": false,
  "name": "remote_debian_bullseye",
  "policy": "immediate",
  "proxy_url": null,
  "pulp_created": "2021-04-29T11:17:38.824675Z",
  "pulp_href": "/pulp/api/v3/remotes/deb/apt/18600e5b-4914-4bbd-ae2a-bc0488c30e07/",
  "pulp_labels": {},
  "pulp_last_updated": "2021-04-30T00:47:55.224174Z",
  "rate_limit": null,
  "sock_connect_timeout": null,
  "sock_read_timeout": null,
  "sync_installer": false,
  "sync_sources": false,
  "sync_udebs": false,
  "tls_validation": true,
  "total_timeout": null,
  "url": "http://ftp.au.debian.org/debian/"
}
```

Error reported to API:

```
{
  "child_tasks": [],

```

```

    "created_resources": [],
    "error": {
        "description": "Response payload is not completed",
        "traceback": " File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/rq/worker.py\", line 1008, in perform_job\n
    rv = job.perform()\n File \"usr/local/lib/pulp/lib/python3.6/site-packages/rq/job.py\"
, line 706, in perform\n    self._result = self._execute()\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/rq/job.py\", line 729, in _execute\n
    result = self.func(*self.args, **self.kwargs)\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulp_deb/app/tasks/synchronizing.py\"
, line 122, in synchronize\n
    DebDeclarativeVersion(first_stage, repository, mirror=mirror).create()\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/plugin/stages/declarative_version.py\"
, line 149, in create\n    loop.run_until_complete(pipeline)\n File \"
/usr/lib/python3.6/asyncio/base_events.py\", line 484, in run_until_complete\n
    return future.result()\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/plugin/stages/api.py\"
, line 225, in create_pipeline\n    await asyncio.gather(*futures)\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/plugin/stages/api.py\"
, line 43, in __call__\n    await self.run()\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/plugin/stages/artifact_stages.py\"
, line 174, in run\n    pb.done += task.result() # download_count\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/plugin/stages/artifact_stages.py\"
, line 200, in _handle_content_unit\n    await asyncio.gather(*downloaders_for_content)\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/plugin/stages/models.py\"
, line 89, in download\n    download_result = await downloader.run(extra_data=self.extra_data)\n
File \"usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/download/base.py\"
, line 241, in run\n    return await self._run(extra_data=extra_data)\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/backoff/_async.py\", line 133, in retry\n
    ret = await target(*args, **kwargs)\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/download/http.py\", line 218, in _run\n
    to_return = await self._handle_response(response)\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/download/http.py\"
, line 185, in _handle_response\n    chunk = await response.content.read(1048576) # 1 megabyte\n
File \"usr/local/lib/pulp/lib/python3.6/site-packages/aiohttp/streams.py\"
, line 380, in read\n
    await self._wait(\"read\")\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/aiohttp/streams.py\"
, line 306, in _wait\n
    await waiter\n
    },
    "finished_at": "2021-04-29T22:03:38.950771Z",
    "logging_cid": "2367609e386d4f3b8c94830deea2053e",
    "name": "pulp_deb.app.tasks.synchronizing.synchronize",
    "parent_task": null,
    "progress_reports": [
        {
            "code": "update.release_file",
            "done": 1,
            "message": "Update ReleaseFile units",
            "state": "canceled",
            "suffix": null,
            "total": null
        },
        {
            "code": "update.packageindex",
            "done": 3,
            "message": "Update PackageIndex units",
            "state": "canceled",
            "suffix": null,
            "total": null
        },
        {
            "code": "associating.content",
            "done": 10017,
            "message": "Associating Content",
            "state": "canceled",
            "suffix": null,
            "total": null
        }
    ]

```

```

    },
    {
      "code": "unassociating.content",
      "done": 0,
      "message": "Un-Associating Content",
      "state": "canceled",
      "suffix": null,
      "total": null
    },
    {
      "code": "sync.downloading.artifacts",
      "done": 200,
      "message": "Downloading Artifacts",
      "state": "failed",
      "suffix": null,
      "total": null
    }
  ],
  "pulp_created": "2021-04-29T22:02:51.216445Z",
  "pulp_href": "/pulp/api/v3/tasks/c6ca7102-7b9a-4774-9455-5eb486b527b3/",
  "reserved_resources_record": [
    "/pulp/api/v3/remotes/deb/apt/2889a55e-8ece-40ae-a811-d39d89deda4e/",
    "/pulp/api/v3/repositories/deb/apt/35664f88-071a-4bec-albe-b7e0bef369e/"
  ],
  "started_at": "2021-04-29T22:02:51.391384Z",
  "state": "failed",
  "task_group": null,
  "worker": "/pulp/api/v3/workers/ebece415-1026-44a0-8668-0de82c2ac9e9/"
}

```

When failing in this manner multiple attempts will progress the sync to a point beyond which it will not progress, in the example above that point was when the "associating.content" value was 10017.

As a further test the remote was recreated with a null value for "components":

```

{
  "architectures": "amd64",
  "ca_cert": null,
  "client_cert": null,
  "components": null,
  "connect_timeout": null,
  "distributions": "bullseye",
  "download_concurrency": 10,
  "gpgkey": null,
  "headers": null,
  "ignore_missing_package_indices": true,
  "name": "remote_debian_bullseye",
  "policy": "immediate",
  "proxy_url": null,
  "pulp_created": "2021-05-04T02:08:55.188864Z",
  "pulp_href": "/pulp/api/v3/remotes/deb/apt/3f95927d-b39c-4bda-a24e-f850d73f2095/",
  "pulp_labels": {},
  "pulp_last_updated": "2021-05-04T02:08:55.188881Z",
  "rate_limit": null,
  "sock_connect_timeout": null,
  "sock_read_timeout": null,
  "sync_installer": false,
  "sync_sources": false,
  "sync_udebs": false,
  "tls_validation": true,
  "total_timeout": null,
  "url": "http://ftp.au.debian.org/debian/"
}

```

While the sync attempts for this configuration still failed multiple times it is always with a "Server disconnected" error and the sync progressed further st each attempt until a complete sync was achieved.

```

{
  "child_tasks": [],
  "created_resources": [
    "/pulp/api/v3/repositories/deb/apt/dbd1bbf7-a5ef-46b6-922a-0ddf62b92ebc/versions/4/"
  ],
  "error": null,
  "finished_at": "2021-05-04T06:24:54.428619Z",
  "logging_cid": "1121eb0f04d742aa80b0a1cb70b0cedb",
  "name": "pulp_deb.app.tasks.synchronizing.synchronize",
  "parent_task": null,
  "progress_reports": [
    {
      "code": "sync.downloading.artifacts",
      "done": 3157,
      "message": "Downloading Artifacts",
      "state": "completed",
      "suffix": null,
      "total": null
    },
    {
      "code": "update.release_file",
      "done": 1,
      "message": "Update ReleaseFile units",
      "state": "completed",
      "suffix": null,
      "total": null
    },
    {
      "code": "update.packageindex",
      "done": 3,
      "message": "Update PackageIndex units",
      "state": "completed",
      "suffix": null,
      "total": null
    },
    {
      "code": "associating.content",
      "done": 119400,
      "message": "Associating Content",
      "state": "completed",
      "suffix": null,
      "total": null
    },
    {
      "code": "unassociating.content",
      "done": 1,
      "message": "Un-Associating Content",
      "state": "completed",
      "suffix": null,
      "total": null
    }
  ],
  "pulp_created": "2021-05-04T06:09:38.553551Z",
  "pulp_href": "/pulp/api/v3/tasks/c9674fbd-5d30-4932-bbc1-1c50e8d6e595/",
  "reserved_resources_record": [
    "/pulp/api/v3/remotes/deb/apt/3f95927d-b39c-4bda-a24e-f850d73f2095/",
    "/pulp/api/v3/repositories/deb/apt/dbd1bbf7-a5ef-46b6-922a-0ddf62b92ebc/"
  ],
  "started_at": "2021-05-04T06:09:38.704737Z",
  "state": "completed",
  "task_group": null,
  "worker": "/pulp/api/v3/workers/a25d6c8a-b4ea-4500-ab08-92104d08bca7/"
}

```

Full log of a sync failing with the "Response payload is not completed" error:

```
Apr 30 00:29:19 pulphost.domain.local gunicorn[1381]: pulp [28ac6dceafad4e07933ddfbeeadd891e7]: -
```

```
admin [30/Apr/2021:00:29:19 +0000] "POST /pulp/api/v3/repositories/deb/apt/dbd1bbf7-a5ef-46b6-922a
-
0ddf62b92ebc/sync/ HTTP/1.0" 202 67 "-" "HTTPie/0.9.8"
Apr 30 00:29:19 pulphost.domain.local rq[1374]: pulp [None]: rq.worker:INFO: 1374@pulphost.domain.
local: 69878f8d-7e56-4322-8f4c-5687c9ae7aeb
Apr 30 00:29:19 pulphost.domain.local rq[1383]: pulp [28ac6dceafad4e07933ddfbeeadd891e7]: rq.worker
:INFO: resource-manager: Job OK (46efd531-9651-48db-8aa3-73521c79de42)
Apr 30 00:29:19 pulphost.domain.local rq[1374]: pulp [28ac6dceafad4e07933ddfbeeadd891e7]: pulp_deb.
app.tasks.synchronizing:INFO: Downloading Release file for distribution: "bullseye"
Apr 30 00:29:20 pulphost.domain.local rq[1374]: pulp [28ac6dceafad4e07933ddfbeeadd891e7]: pulp_deb.
app.tasks.synchronizing:INFO: Parsing Release file at distribution="bullseye"
Apr 30 00:29:20 pulphost.domain.local rq[1374]: pulp [28ac6dceafad4e07933ddfbeeadd891e7]: pulp_deb.
app.tasks.synchronizing:INFO: Downloading: contrib/binary-amd64/Packages
Apr 30 00:29:20 pulphost.domain.local rq[1374]: pulp [28ac6dceafad4e07933ddfbeeadd891e7]: pulp_deb.
app.tasks.synchronizing:INFO: Downloading: non-free/binary-amd64/Packages
Apr 30 00:29:20 pulphost.domain.local rq[1374]: pulp [28ac6dceafad4e07933ddfbeeadd891e7]: pulp_deb.
app.tasks.synchronizing:INFO: Downloading: main/binary-amd64/Packages
Apr 30 00:29:25 pulphost.domain.local rq[1374]: /usr/local/lib/pulp/lib/python3.6/site-packages/de
bian/deb822.py:740: UserWarning: Parsing of Deb822 data with python3-apt's apt_pkg was requested b
u
t this package is not importable. Is python3-apt installed?
Apr 30 00:29:25 pulphost.domain.local rq[1374]: warnings.warn(msg)
Apr 30 00:29:25 pulphost.domain.local rq[1374]: pulp [28ac6dceafad4e07933ddfbeeadd891e7]: pulp_deb.
app.tasks.synchronizing:INFO: Artifact digest not matched. Ignored
<snip>
Apr 30 00:29:28 pulphost.domain.local rq[1374]: pulp [28ac6dceafad4e07933ddfbeeadd891e7]: pulp_deb.
app.tasks.synchronizing:INFO: Artifact digest not matched. Ignored
Apr 30 00:29:30 pulphost.domain.local gunicorn[1381]: pulp [953559dc9eb149849798a84899c1fa04]: -
admin [30/Apr/2021:00:29:30 +0000] "GET /pulp/api/v3/tasks/cb2c2cb4-c3ca-4758-be66-faa930487dad/ H
T
P/1.0" 200 1391 "-" "HTTPie/0.9.8"
Apr 30 00:30:03 pulphost.domain.local gunicorn[1381]: pulp [c2c1187c01de41d3bd0ea2ca6ff96079]: -
admin [30/Apr/2021:00:30:03 +0000] "GET /pulp/api/v3/tasks/8f2574c3-56f4-40f3-b0c3-31227bef42fd/ H
T
P/1.0" 200 602 "-" "HTTPie/0.9.8"
Apr 30 00:30:37 pulphost.domain.local rq[1388]: pulp [None]: rq.worker:INFO: Cleaning registries f
or queue: 1388@pulphost.domain.local
Apr 30 00:30:47 pulphost.domain.local rq[1374]: pulp [28ac6dceafad4e07933ddfbeeadd891e7]: asyncio:E
RROR: Task was destroyed but it is pending!
Apr 30 00:30:47 pulphost.domain.local rq[1374]: task: <Task pending coro=<Event.wait() running at
/usr/lib/python3.6/asyncio/locks.py:283> wait_for=<Future pending cb=[<TaskWakeupMethWrapper objec
t
at 0x7d07428b8558>()]> cb=[_wait.<locals>._on_completion() at /usr/lib/python3.6/asyncio/tasks.py
:380]>
Apr 30 00:30:47 pulphost.domain.local rq[1374]: pulp [28ac6dceafad4e07933ddfbeeadd891e7]: asyncio:E
RROR: Task was destroyed but it is pending!
Apr 30 00:30:47 pulphost.domain.local rq[1374]: task: <Task pending coro=<Event.wait() running at
/usr/lib/python3.6/asyncio/locks.py:283> wait_for=<Future pending cb=[<TaskWakeupMethWrapper objec
t
at 0x7d07428b8498>()]> cb=[_wait.<locals>._on_completion() at /usr/lib/python3.6/asyncio/tasks.py
:380]>
Apr 30 00:30:47 pulphost.domain.local rq[1374]: pulp [28ac6dceafad4e07933ddfbeeadd891e7]: asyncio:E
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Apr 30 00:30:47 pulphost.domain.local rq[1374]: task: <Task pending coro=<Event.wait() running at
/usr/lib/python3.6/asyncio/locks.py:283> wait_for=<Future pending cb=[<TaskWakeupMethWrapper objec
t
at 0x7d07428b83d8>()]> cb=[_wait.<locals>._on_completion() at /usr/lib/python3.6/asyncio/tasks.py
:380]>
Apr 30 00:30:47 pulphost.domain.local rq[1374]: pulp [28ac6dceafad4e07933ddfbeeadd891e7]: asyncio:E
RROR: Task was destroyed but it is pending!
Apr 30 00:30:47 pulphost.domain.local rq[1374]: task: <Task pending coro=<Event.wait() running at
/usr/lib/python3.6/asyncio/locks.py:283> wait_for=<Future pending cb=[<TaskWakeupMethWrapper objec
t
at 0x7d07428b8318>()]> cb=[_wait.<locals>._on_completion() at /usr/lib/python3.6/asyncio/tasks.py
:380]>
Apr 30 00:30:47 pulphost.domain.local rq[1374]: pulp [28ac6dceafad4e07933ddfbeeadd891e7]: asyncio:E
RROR: Task was destroyed but it is pending!
```

```

Apr 30 00:30:47 pulphost.domain.local rq[1374]: task: <Task pending coro=<Event.wait() running at
/usr/lib/python3.6/asyncio/locks.py:283> wait_for=<Future pending cb=[<TaskWakeupMethWrapper objec
t
  at 0x7d07428b8138>()]>>
Apr 30 00:30:47 pulphost.domain.local rq[1374]: pulp [28ac6dceafad4e07933ddfbee891e7]: asyncio:ER
ROR: Task was destroyed but it is pending!
Apr 30 00:30:47 pulphost.domain.local rq[1374]: task: <Task pending coro=<Event.wait() running at
/usr/lib/python3.6/asyncio/locks.py:283> wait_for=<Future pending cb=[<TaskWakeupMethWrapper objec
t
  at 0x7d07428b8258>()]> cb=[_wait.<locals>._on_completion() at /usr/lib/python3.6/asyncio/tasks.py
:380]>
Apr 30 00:30:48 pulphost.domain.local rq[1374]: pulp [28ac6dceafad4e07933ddfbee891e7]: rq.worker
:ERROR: Traceback (most recent call last):
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/rq/worker.py", line 1008, in perform_job
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     rv = job.perform()
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/rq/job.py", line 706, in perform
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     self._result = self._execute()
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/rq/job.py", line 729, in _execute
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     result = self.func(*self.args, **self.kwargs)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulp_deb/app/tasks/synchronizing.py", line 122, in synchronize
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     DebDeclarativeVersion(first_stage, repository,
mirror=mirror).create()
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/plugin/stages/declarative_version.py", line 149, in create
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     loop.run_until_complete(pipeline)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/lib/python3.6/asyncio/base_events.py"
, line 484, in run_until_complete
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     return future.result()
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/plugin/stages/api.py", line 225, in create_pipeline
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     await asyncio.gather(*futures)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/plugin/stages/api.py", line 43, in __call__
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     await self.run()
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/plugin/stages/artifact_stages.py", line 174, in run
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     pb.done += task.result() # download_count
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/plugin/stages/artifact_stages.py", line 200, in _handle_content_unit
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     await asyncio.gather(*downloaders_for_content)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/plugin/stages/models.py", line 89, in download
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     download_result = await downloader.run(extra_d
ata=self.extra_data)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/download/base.py", line 241, in run
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     return await self._run(extra_data=extra_data)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/backoff/_async.py", line 133, in retry
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     ret = await target(*args, **kwargs)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/download/http.py", line 218, in _run
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     to_return = await self._handle_response(respon
se)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/download/http.py", line 185, in _handle_response
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     chunk = await response.content.read(1048576)
# 1 megabyte
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/aiohttp/streams.py", line 380, in read
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     await self._wait("read")
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/aiohttp/streams.py", line 306, in _wait

```

```

Apr 30 00:30:48 pulphost.domain.local rq[1374]:      await waiter
Apr 30 00:30:48 pulphost.domain.local rq[1374]: aiohttp.client_exceptions.ClientPayloadError: Resp
onse payload is not completed
Apr 30 00:30:48 pulphost.domain.local rq[1374]: Traceback (most recent call last):
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/rq/worker.py", line 1008, in perform_job
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     rv = job.perform()
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/rq/job.py", line 706, in perform
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     self._result = self._execute()
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/rq/job.py", line 729, in _execute
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     result = self.func(*self.args, **self.kwargs)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulp_deb/app/tasks/synchronizing.py", line 122, in synchronize
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     DebDeclarativeVersion(first_stage, repository,
mirror=mirror).create()
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/plugin/stages/declarative_version.py", line 149, in create
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     loop.run_until_complete(pipeline)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/lib/python3.6/asyncio/base_events.py"
, line 484, in run_until_complete
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     return future.result()
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/plugin/stages/api.py", line 225, in create_pipeline
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     await asyncio.gather(*futures)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/plugin/stages/api.py", line 43, in __call__
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     await self.run()
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/plugin/stages/artifact_stages.py", line 174, in run
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     pb.done += task.result() # download_count
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/plugin/stages/artifact_stages.py", line 200, in _handle_content_unit
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     await asyncio.gather(*downloaders_for_content)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/plugin/stages/models.py", line 89, in download
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     download_result = await downloader.run(extra_d
ata=self.extra_data)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/download/base.py", line 241, in run
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     return await self._run(extra_data=extra_data)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/backoff/_async.py", line 133, in retry
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     ret = await target(*args, **kwargs)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/download/http.py", line 218, in _run
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     to_return = await self._handle_response(respon
se)
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/pulpcore/download/http.py", line 185, in _handle_response
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     chunk = await response.content.read(1048576)
# 1 megabyte
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/aiohttp/streams.py", line 380, in read
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     await self._wait("read")
Apr 30 00:30:48 pulphost.domain.local rq[1374]:   File "/usr/local/lib/pulp/lib/python3.6/site-pac
kages/aiohttp/streams.py", line 306, in _wait
Apr 30 00:30:48 pulphost.domain.local rq[1374]:     await waiter
Apr 30 00:30:48 pulphost.domain.local rq[1374]: aiohttp.client_exceptions.ClientPayloadError: Resp
onse payload is not completed

```

History

#1 - 05/11/2021 05:21 PM - quba42

Apparently other plugins have experienced similar problems in the past: <https://pulp.plan.io/issues/6945>

It looks like this issue might not be reliably reproducible. I have just had this same issue with a completely different repo.

I also have my doubt that this is in any way related to whether or not any components are defined.

My suspicion is that it might be caused by random network hiccups during download.

For now, my advice is to simply try repeatedly rerunning affected syncs, to see if they then succeed.

If the sync fails multiple times, check the sync tasks if the number of steps that were successfully completed before the failure differs from sync to sync.

Until there is some way to reliably reproduce the root cause there isn't much I can do about this.

#2 - 05/12/2021 02:25 AM - simon_t

mcorr tried unsuccessfully to reproduce this too although I am unsure if he was using a value for "components" in his settings.

In my testing the syncs were consistently failing over multiple tests (at least 20) with the "Response payload is not completed" error on two remote/repo pairs (debian bullseye and debian bullseye-security) with components set. In both instances recreating the remotes with null values for "components" immediately caused syncs to progress and complete after several attempts.

At the moment we are stuck on <https://pulp.plan.io/issues/8671> so I cannot test further myself.

#3 - 05/12/2021 03:31 PM - quba42

I will leave this issue open for now, in order to keep an eye on it. I don't have any immediate ideas how to continue narrowing it down.

I now have a quick fix for <https://pulp.plan.io/issues/8671> which will hopefully be released soon. Perhaps once that is done it will be easier to try and find a set of circumstances to reliably reproduce this issue.

#4 - 05/27/2021 03:23 AM - simon_t

I'm seeing this behaviour again on new repos synced with remotes with components configured.

Testing individual remote/repository pairs for each Debian component.

Remotes:

```
{
  "count": 7,
  "next": null,
  "previous": null,
  "results": [
    {
      "architectures": "amd64",
      "ca_cert": null,
      "client_cert": null,
      "components": "non-free",
      "connect_timeout": null,
      "distributions": "bullseye",
      "download_concurrency": 10,
      "gpgkey": null,
      "headers": null,
      "ignore_missing_package_indices": true,
      "name": "remote_debian_bullseye_non-free",
      "policy": "immediate",
      "proxy_url": null,
      "pulp_created": "2021-05-27T00:22:33.126681Z",
      "pulp_href": "/pulp/api/v3/remotes/deb/apt/76066d07-476d-453b-b41e-0910ed154a5e/",
      "pulp_labels": {},
      "pulp_last_updated": "2021-05-27T00:22:33.126700Z",
      "rate_limit": null,
      "sock_connect_timeout": null,
      "sock_read_timeout": null,
      "sync_installer": false,
      "sync_sources": false,
      "sync_udebs": false,
      "tls_validation": true,
      "total_timeout": null,
      "url": "http://ftp.au.debian.org/debian/"
    },
    {
      "architectures": "amd64",
      "ca_cert": null,
      "client_cert": null,
```



```

    "components": "contrib",
    "connect_timeout": null,
    "distributions": "bullseye",
    "download_concurrency": 10,
    "gpgkey": null,
    "headers": null,
    "ignore_missing_package_indices": true,
    "name": "remote_debian_bullseye_contrib",
    "policy": "immediate",
    "proxy_url": null,
    "pulp_created": "2021-05-27T00:20:39.645508Z",
    "pulp_href": "/pulp/api/v3/remotes/deb/apt/ffb8clf5-2ac1-488a-be46-e6d951af6d25/",
    "pulp_labels": {},
    "pulp_last_updated": "2021-05-27T00:20:39.645527Z",
    "rate_limit": null,
    "sock_connect_timeout": null,
    "sock_read_timeout": null,
    "sync_installer": false,
    "sync_sources": false,
    "sync_udebs": false,
    "tls_validation": true,
    "total_timeout": null,
    "url": "http://ftp.au.debian.org/debian/"
  },
  {
    "architectures": "amd64",
    "ca_cert": null,
    "client_cert": null,
    "components": "main",
    "connect_timeout": null,
    "distributions": "bullseye",
    "download_concurrency": 10,
    "gpgkey": null,
    "headers": null,
    "ignore_missing_package_indices": true,
    "name": "remote_debian_bullseye_main",
    "policy": "immediate",
    "proxy_url": null,
    "pulp_created": "2021-05-27T00:18:28.333232Z",
    "pulp_href": "/pulp/api/v3/remotes/deb/apt/03515213-1edf-4f96-81b4-298845684034/",
    "pulp_labels": {},
    "pulp_last_updated": "2021-05-27T00:18:28.333248Z",
    "rate_limit": null,
    "sock_connect_timeout": null,
    "sock_read_timeout": null,
    "sync_installer": false,
    "sync_sources": false,
    "sync_udebs": false,
    "tls_validation": true,
    "total_timeout": null,
    "url": "http://ftp.au.debian.org/debian/"
  }
]
}

```

Repositories:

```

{
  "count": 6,
  "next": null,
  "previous": null,
  "results": [
    {
      "description": null,
      "latest_version_href": "
/pulp/api/v3/repositories/deb/apt/b6d04104-1982-430a-8634-6df0f78c97a6/versions/1/",
      "name": "debian_bullseye_non-free",
      "pulp_created": "2021-05-27T00:31:16.258161Z",
      "pulp_href": "/pulp/api/v3/repositories/deb/apt/b6d04104-1982-430a-8634-6df0f78c97a6/",
      "pulp_labels": {},
      "remote": "/pulp/api/v3/remotes/deb/apt/76066d07-476d-453b-b41e-0910ed154a5e/",
      "versions_href": "/pulp/api/v3/repositories/deb/apt/b6d04104-1982-430a-8634-6df0f78c97a6/versions/
    },
  ]
}

```

```

        "description": null,
        "latest_version_href": "
/pulp/api/v3/repositories/deb/apt/d033805a-4944-4a1b-bcdd-c6e896946bf5/versions/1/",
        "name": "debian_bullseye_contrib",
        "pulp_created": "2021-05-27T00:29:46.285836Z",
        "pulp_href": "/pulp/api/v3/repositories/deb/apt/d033805a-4944-4a1b-bcdd-c6e896946bf5/",
        "pulp_labels": {},
        "remote": "/pulp/api/v3/remotes/deb/apt/ffb8c1f5-2ac1-488a-be46-e6d951af6d25/",
        "versions_href": "/pulp/api/v3/repositories/deb/apt/d033805a-4944-4a1b-bcdd-c6e896946bf5/versions/
"
    },
    {
        "description": null,
        "latest_version_href": "
/pulp/api/v3/repositories/deb/apt/5818633d-9746-46ca-a512-58f6d1c4b93d/versions/0/",
        "name": "debian_bullseye_main",
        "pulp_created": "2021-05-27T00:28:42.200459Z",
        "pulp_href": "/pulp/api/v3/repositories/deb/apt/5818633d-9746-46ca-a512-58f6d1c4b93d/",
        "pulp_labels": {},
        "remote": "/pulp/api/v3/remotes/deb/apt/03515213-1edf-4f96-81b4-298845684034/",
        "versions_href": "/pulp/api/v3/repositories/deb/apt/5818633d-9746-46ca-a512-58f6d1c4b93d/versions/
"
    }
]
}

```

Syncs of the **debian_bullseye_contrib** and **debian_bullseye_non-free** repositories completed successfully almost immediately. Neither of these repos have much content.

Syncs of the **debian_bullseye_main** repo are failing consistently at the same point with the "Response payload is not completed" error:

```

{
  "child_tasks": [],
  "created_resources": [],
  "error": {
    "description": "Response payload is not completed",
    "traceback": " File \"/usr/local/lib/pulp/lib/python3.6/site-packages/rq/worker.py\"
, line 1008, in perform_job\n   rv = job.perform()\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/rq/job.py\", line 706, in perform\n
   self._result = self._execute()\n File \"/usr/local/lib/pulp/lib/python3.6/site-packages/rq/job.py\"
, line 729, in _execute\n   result = self.func(*self.args, **self.kwargs)\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulp_deb/app/tasks/synchronizing.py\"
, line 122, in synchronize\n   DebDeclarativeVersion(first_stage, repository, mirror=mirror).create()\n
File \"/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/plugin/stages/declarative_version.py\"
, line 149, in create\n   loop.run_until_complete(pipeline)\n File \"
/usr/lib/python3.6/asyncio/base_events.py\", line 484, in run_until_complete\n   return future.result()\n
File \"/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/plugin/stages/api.py\"
, line 225, in create_pipeline\n   await asyncio.gather(*futures)\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/plugin/stages/api.py\", line 43, in __call__\n
   await self.run()\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/plugin/stages/artifact_stages.py\", line 174, in run
\n   pb.done += task.result() # download_count\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/plugin/stages/artifact_stages.py\"
, line 200, in _handle_content_unit\n   await asyncio.gather(*downloaders_for_content)\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/plugin/stages/models.py\", line 89, in download\n
   download_result = await downloader.run(extra_data=self.extra_data)\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/download/base.py\", line 241, in run\n
   return await self._run(extra_data=extra_data)\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/backoff/_async.py\", line 133, in retry\n
   ret = await target(*args, **kwargs)\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/download/http.py\", line 218, in _run\n
   to_return = await self._handle_response(response)\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/pulpcore/download/http.py\", line 185, in _handle_response\n
   chunk = await response.content.read(1048576) # 1 megabyte\n File \"
/usr/local/lib/pulp/lib/python3.6/site-packages/aiohttp/streams.py\", line 380, in read\n   await self._wait(
\"read\")\n File \"/usr/local/lib/pulp/lib/python3.6/site-packages/aiohttp/streams.py\", line 306, in _wait\n
   await waiter\n
  },
  "finished_at": "2021-05-27T00:59:50.698059Z",
  "logging_cid": "db70dfb90bbd4f4cb4156af490a42953",
  "name": "pulp_deb.app.tasks.synchronizing.synchronize",
  "parent_task": null,
  "progress_reports": [
    {
      "code": "sync.downloading.artifacts",

```

```

        "done": 9,
        "message": "Downloading Artifacts",
        "state": "failed",
        "suffix": null,
        "total": null
    },
    {
        "code": "update.release_file",
        "done": 1,
        "message": "Update ReleaseFile units",
        "state": "canceled",
        "suffix": null,
        "total": null
    },
    {
        "code": "update.packageindex",
        "done": 1,
        "message": "Update PackageIndex units",
        "state": "canceled",
        "suffix": null,
        "total": null
    },
    {
        "code": "associating.content",
        "done": 8005,
        "message": "Associating Content",
        "state": "canceled",
        "suffix": null,
        "total": null
    }
],
"pulp_created": "2021-05-27T00:59:13.952000Z",
"pulp_href": "/pulp/api/v3/tasks/60557da7-9a43-470d-bc20-2db9bd8afaef/",
"reserved_resources_record": [
    "/pulp/api/v3/repositories/deb/apt/5818633d-9746-46ca-a512-58f6d1c4b93d/",
    "/pulp/api/v3/remotes/deb/apt/03515213-1edf-4f96-81b4-298845684034/"
],
"started_at": "2021-05-27T00:59:14.118586Z",
"state": "failed",
"task_group": null,
"worker": "/pulp/api/v3/workers/ac7b3d07-6828-4c4f-8ea2-61d653105b62/"
}

```

The above sync has been attempted eight times now and each time fails when the "associating.content" counter reaches 8005.

Syncs of the remote/repo pair below, without components configured on the remote, proceed normally and eventually complete.

```

{
    "architectures": "amd64",
    "ca_cert": null,
    "client_cert": null,
    "components": null,
    "connect_timeout": null,
    "distributions": "bullseye",
    "download_concurrency": 10,
    "gpgkey": null,
    "headers": null,
    "ignore_missing_package_indices": true,
    "name": "remote_debian_bullseye",
    "policy": "immediate",
    "proxy_url": null,
    "pulp_created": "2021-05-04T02:08:55.188864Z",
    "pulp_href": "/pulp/api/v3/remotes/deb/apt/3f95927d-b39c-4bda-a24e-f850d73f2095/",
    "pulp_labels": {},
    "pulp_last_updated": "2021-05-10T11:11:36.716679Z",
    "rate_limit": null,
    "sock_connect_timeout": null,
    "sock_read_timeout": null,
    "sync_installer": false,
    "sync_sources": false,
    "sync_udebs": false,
    "tls_validation": true,
    "total_timeout": null,
    "url": "http://ftp.au.debian.org/debian/"
}

```

```
{
  "description": "Debian Bullseye base repository.",
  "latest_version_href": "/pulp/api/v3/repositories/deb/apt/dbd1bbf7-a5ef-46b6-922a-0ddf62b92ebc/versions/5/",
},
{
  "name": "debian_bullseye",
  "pulp_created": "2021-04-29T11:18:30.132385Z",
  "pulp_href": "/pulp/api/v3/repositories/deb/apt/dbd1bbf7-a5ef-46b6-922a-0ddf62b92ebc/",
  "pulp_labels": {},
  "remote": "/pulp/api/v3/remotes/deb/apt/3f95927d-b39c-4bda-a24e-f850d73f2095/",
  "versions_href": "/pulp/api/v3/repositories/deb/apt/dbd1bbf7-a5ef-46b6-922a-0ddf62b92ebc/versions/"
}
```

#5 - 05/27/2021 09:10 AM - quba42

Thanks for the extensive testing around this bug. That is certainly a big help. I still don't have any immediate ideas what might be causing this, but this does give us a basis to start brain storming.

#6 - 05/27/2021 09:10 AM - quba42

- *Sprint/Milestone set to Katello*